

ABSTRACT

This invention relates to a leach-resistant borate preservative for lignocellulosic-based products, providing resistance against insect and fungal attack for use in exterior and ground contact applications. The preservative compositions of this invention may be provided as a high strength liquid concentrate, suitable for transportation, storage and easy on-site dilution, or as a ready-to-use treatment solution. These wood preservative compositions include a borate preservative component and a co-biocidal metal fixative such as copper or zinc. The preservative compositions also contain volatile organic acid, free ammonia and ammonium salts to aid dissolution. Methods for the application of these preservative compositions to wood are also provided.